

ABSTRACT

A wireless AV system includes a central wireless unit, serving as a base device, and a TV main unit. The TV main unit includes an SS transmitter/receiver (T/R) unit, a TV section, a TV microcomputer, and a second SS-CPU. The SS T/R unit receives an MPEG-2 stream and command transmission data both of which are transmitted from an SS T/R unit of the central wireless unit, and decodes the MPEG-2 stream and the command transmission data so received. The TV section displays a video signal and outputs an audio signal. The TV microcomputer controls the TV main unit entirely. The second SS-CPU detects a communication condition between the central wireless unit and the TV main unit according to a received radio wave field intensity and a retransmission request made based on an error rate.